

REMARKS

Claims 1-4, 7-10 and 13-14 are pending in this Application. This Supplemental Amendment is submitted in further response to the September 9, 2003 Office Action and the February 9, 2004 telephone conference with Examiner Akkapeddi. By this Supplemental Amendment, claims 1 and 7 are amended. Reconsideration based on the above amendments and the following Remarks is respectfully requested.

Applicants appreciate the courtesies shown to Applicants' representative by Examiner Akkapeddi in the February 9, 2004 telephone conference. Applicants' separate record of the substance of the discussion is incorporated into the following Remarks. Specifically, claims 1 and 7 are amended to comply with the Examiner's helpful suggestions made during the interview.

I. The Claims Define Allowable Subject Matter

The Office Action rejects claims 1-4 and 7-10 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,835,179 to Yamanaka in view of U.S. Patent No. 5,032,021 to Kanatani et al. (hereinafter "Kanatani"). This rejection is respectfully traversed.

Yamanaka discloses a liquid crystal display wherein heat generated is transmitted from at least one of a pair of substrates through a translucent adhesive through a translucent radiating plate and dissipated to outside (ambient air), and to enlarging the surface area of a liquid crystal display onto which a current of air from a fan is directed to enhance the cooling effect (col. 1, lines 51-57). Kanatani discloses a liquid crystal display unit with a cooler comprising a closed flat platelike glass container and a refrigerant enclosed in the container (Abstract). In each case, a complex heat dissipation methodology requiring additional structure or separate complex devices are taught.

The subject matter of claims 1-4 , 7-10 and 13-14 comprises simple structures usable to restrain deterioration in image quality due to thermal expansion of exit side and entrance

side covers by: controlling the coefficients of thermal expansion in these layers of a liquid crystal device; and by positioning an exit side polarizer spaced apart from the exit side cover ... such that heat generated in the exit side polarizer does not cause deterioration in image quality of the liquid crystal panel due to thermal expansion of the individual components, such deterioration including deterioration in contrast or inconsistency in color generated at the four corners of the image.

Applicants respectfully submit that the simple structure of the liquid crystal device recited in claim 1, and the projector for displaying an image by projecting it comprising, among other features, a liquid crystal device with this simple structure as recited, among other features, in claim 7, wherein such structure is usable to restrain deterioration in image quality due to thermal expansion of the individual components, such deterioration including deterioration in contrast or inconsistency in color generated, are neither suggested nor motivated by the combination of Yamanaka and Kanatani. Clarification of the independent claims in this manner was the subject of the telephone conference between Examiner Akkapeddi and Applicants' representative. The discussion was initiated by the Examiner as a follow-up discussion to the personal interview conducted on December 18, 2003.

In view of the foregoing, Applicants respectfully submit that the subject matter of claims 1-4, 7-10 and 13-14 is not obvious over Yamanaka in view of Kanatani. Reconsideration and withdrawal of the rejection to these claims under 35 U.S.C. §103(a) are respectfully requested.

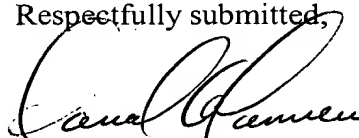
II. Conclusion

Applicants respectfully submit that this application is in condition for allowance.

Favorable reconsideration and prompt allowance of claims 1-4, 7-10 and 13-14 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number set forth below.

Respectfully submitted,



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Date: February 17, 2004

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